FORM PTO-1390 (REV. 2-2005)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 10103-015-999 (CAM: 052922-999015)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known, see 37CFR 1.5)
To be assigned **10/529519**

INTERNATIONAL APPLICATION NO. PCT/US2003/030409	INTERNATIONAL FILING DATE September 25, 2003	PRIORITY DATE CLAIMED September 27, 2002

TITLE OF INVENTION
METHODS AND COMPOSITIONS FOR THE TREATMENT OF AUTOIMMUNE DISORDERS USING CLOFARABINE

APPLICANT(S) FOR DO/EO/US
WOOD, Christopher B.; SMITH, Stuart William Gordon

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)).

4. ☒ The U.S. has been elected (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☒ is attached hereto (required only if not communicated by the International Bureau).
    b. ☐ has been communicated by the International Bureau.
    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☐ is attached hereto.
    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

    a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    b. ☐ have been communicated by the International Bureau.
    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    d. ☐ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned).

10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☐ A preliminary amendment.

14. ☐ An Application Data Sheet under 37 CFR 1.76.

15. ☐ A substitute specification.

16. ☐ A power of attorney and/or change of address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821- 1.825.

18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

20. ☒ Other items or information: International Search Report

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21. The following fees are submitted:

BASIC NATIONAL FEE:

☒ a) Basic national fee **$300.00**

☒ b) Examination fee ....
    Was the International Preliminary Examination Report prepared by the USPTO
    and do all filed claims in this U.S. application satisfy provisions of PCT
    Article 33(1)-(4) (i.e., novelty, inventive step and industrial capability)? .....

    ☒   i) Yes ($100.00)... **$100.00**
    ☐   ii) No ($200.00)...

☒ c) Search fee..
    Was the USPTO the International Searching Authority?..................................
    ☒ i) Yes ($100.00)..
    ii) If no:
        ☐ (a) An International Search Report will be provided to the USPTO on   **$100.00**
            or before payment of the search fee. ($400.00)................................
        ☐ (b) No International Search Report will be provided to the USPTO.
            ($500.00)...

TOTAL OF CALCULATIONS =	$	$500.00

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing of computer programs listing filed in electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number).	RATE			
35 - 100	0 /50		x **250.00**		$0.00	

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		$	$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE X			
Total Claims	37 - 20	17	x **$50.00**		$850.00	
Independent Claims	4 - 3	1	x **$200.00**	=	$200.00	
☐ MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ 360.00			$0.00	
TOTAL OF ABOVE CALCULATIONS=				= $	$1550.00	

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 50%		- $	$775.00
SUBTOTAL =		· $	$775.00

Surcharge of **$130.00** for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			$0.00
TOTAL NATIONAL FEE	=	$	$775.00

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 0 x **$40.00** per property		$	$0.00
TOTAL FEES ENCLOSED	=	$	$775.00
		Amount to be refunded:	
		charged:	

a. ☐   A check in the amount of $ to cover the above fees is enclosed.

b. ☒   This is an estimate of the fees due. Please charge Deposit Account
       No. 50-3013 to cover the required fees. A copy of this sheet is enclosed.

c. ☒   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
       Account No. 50-3013. A copy of this sheet is enclosed.

Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

22.   ☐   Other instructions

23.   ☒   All correspondence for this application should be mailed to   JONES DAY   20583

24.   ☒   All telephone inquiries should be made to   Lawrence Graham   858 314-1200

Anthony M. Insogna NAME	By Lawrence Reg. No. 49020 SIGNATURE	35,203 REG. NO.	March 25, 2005 DATE

CAJD: 509659.1